

WHAT IS CLAIMED IS:

Sub
AI
1. An apparatus for calculating decision parameters in an
IMT-2000 system, the IMT-2000 system having a mini-slot
5 selection unit for selecting a mini-slot position wherein a
decision parameter is selected and a decision parameter
selection unit for selecting one decision parameter from the
calculated decision parameters, said apparatus comprising:

004227-123700
10 a correlation value calculation unit having a number of
correlation value calculators, each of which calculates a
correlation value between selected information that is
selected at the mini-slot selection unit and one of capable
input signals; and

15 a correlation circuit control unit having a number of
correlation circuit controllers each of which receives a
correlation value from a corresponding one of the correlation
value calculators and compares the received correlation value
to a predetermined threshold value during a predetermined
monitoring section, and controlling the operation of each of
20 the correlation value calculators by using each of the
comparing results.

2. An apparatus as recited in claim 1, wherein the
predetermined monitoring section is obtained by dividing a
25 total monitoring section of each of the correlation value
calculators.

3. An apparatus as recited in claim 1, wherein said threshold value is determined in order to determine whether one of the correlation value calculators operates or not during the total monitoring section.

5

4. An apparatus for calculating decision parameters in an IMT-2000 system, the IMT-2000 system having a mini-slot selection unit for selecting a mini-slot position wherein a decision parameter is selected and a decision parameter selection unit for selecting one decision parameter from the calculated decision parameters, said apparatus comprising:

10

a correlation value calculation unit having a number of correlation value calculators, each of which calculates a correlation value between selected information that is selected at the mini-slot selection unit and one of capable input signals; and

15

a ranking determination unit receiving each of correlation values provided from each of the correlation value calculators during a predetermined monitoring section, ranking the correlation values and selectively operating the correlation value calculators according to the rank of the correlation values.

20

5. An apparatus as recited in claim 1, wherein the predetermined monitoring section is obtained by dividing a total monitoring section of each of the correlation value calculators.

25

Alent.

- 5 6. An apparatus as recited in claim 1, wherein said ranking determination unit operates a predetermined number of high ranked correlation value calculators and stops the operation of the other correlation value calculators that are not high ranked during a remaining total monitoring section.

0048483 123700